UTAH DIVISION OF OIL, GAS AND MINING				
REMARKS: WELL LOG ELECTRIC LOGS FILE X WATER SANDS LOCATION INSPECTED SUB. REPORT/ABD				
DATE FILED 11-1-78				
LAND: FEE & PATENTED X STATE LEASE NO. PUBLIC LEASE NO. INDIAN				
DRILLING APPROVED: 10-31-78				
SPUDDED IN:				
COMPLETED: PUT TO PRODUCING:				
INITIAL PRODUCTION:				
GRAVITY A.P.I.				
GOR:				
PRODUCING ZONES:				
TOTAL DEPTH:				
WELL ELEVATION:				
DATE ABANDONED: 2-21-80 LOCATION ABANDONED WED WEDER DRIVED				
FIELD: Altamont 3/86				
UNIT:				
COUNTY: Duchesne				
WELL NO. Babcock 2-12B4 API NO: 43-013-30474				
LOCATION 580 FT. FROM MY (S) LINE. 804 FT. FROM (XX(W) LINE. SW SW 14-14 SEC. 12				
12 ON DN 12				

TWP. RGE. SEC. OPERATOR TWP. RGE. SEC. OPERATOR

2S 4W 12 SHELL QIL COMPANY

FILE NOTATIONS

••••	Checked by Chief Approval Letter Disapproval Letter	••••••	
	Location Inspected	• •	
****	State or Fee Land		

Lat	MI-L Sonic)	
	LOGS T	Approval Letter Disapproval Letter Location Inspected State or Fee Land	



SHELL OIL COMPANY

1700 BROADWAY
DENVER, COLORADO 80202

October 25, 1978

Subject: Shell et al -

Babcock 2-12B4 Altamont Field

Duchesne County, Utah

State of Utah

Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention Cleon B. Feight, Director

Gentlemen:

Attached is our application for permit to drill subject well as an alternate to the current producer, Well 1-12B4.

A special Shell technical team has been studying the Wasatch reservoir for over two years. One of the principal objectives of the study has been to determine drainage efficiency. This effort has been inconclusive to date. It is possible in certain areas of the field that a 640-acre spacing unit is not being drained efficiently by the existing well. Therefore, we propose drilling Well 2-12B4 in order to determine the extent of drainage and the potential for profitable development of undrained reserves. The proposed well will cost approximately \$2,000,000.

With consideration to the purposes for drilling an alternate well, the test is in the best interest of royalty owners and conservation. In regard to correlative rights, the well is located on a 640-acre pool, and only one well will be produced at a time except while running interference tests.

Data from this test will be available to the Division, and upon conclusion of the test, permission to produce both wells concurrently will be sought in hearing on the basis of the test results.

For:

K. W. LaGrone

Yours very truly

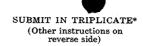
Division Operations Manager

Rocky Mountain Operations Office

KWL:ts

Attachments

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

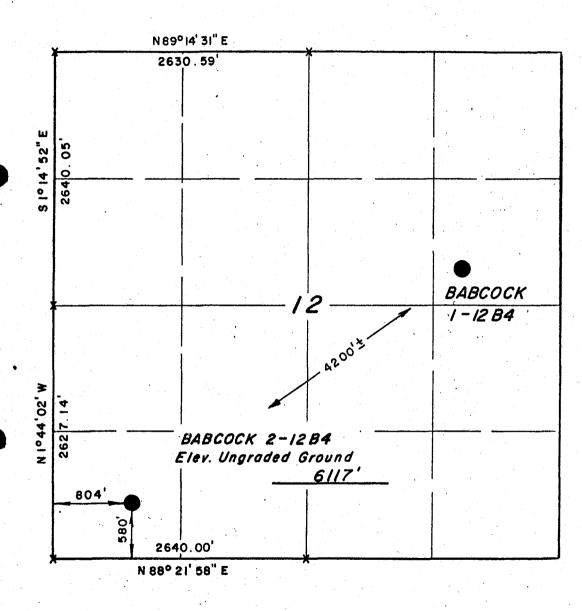


5. Lease Designation and Serial No.

DIVISION OF OIL & GAS

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The control of the co	DRILL 🛣	D	EEPEN 🗀	PLI	IG BACK	7. Unit Agreement Name
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T2S, R4W, U.S.B.& M.



X = Section Corners Located

NOTE: Bearings are assumed but Relative.

PROJECT

SHELL OIL COMPANY

Well location, Babcock 2-12B4, located as shown in the SWI/4 SWI/4 Section 12, T2S, R4W, U.S.B.&M. Duchesne County, Utah.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREMIED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR DINER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO FR
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR REGISTRATION NO 3154

UINTAH ENGINEERING & LAND SURVEYING PO. BOX Q - 110 EAST - FIRST SOUTH VERNAL, UTAH - 84078

SCALE " = 1000	DATE 9 / 28 / 78
PARTY S.S., G.S., D.S., S.H. BFW	REFERENCES GLO Plat
WEATHER Fair	FILE SHELL

PETROLEUM: OPERATIONS:

WELL NAME

DRILLING WELL PROGNOSIS

Babcock 2-12B4
Development

APPROX. LOCATION (SUBJECT TO SURVEY) SW SW 12, 25, 4W Duchesne County, Utah

TYPE WELL

Altamont FIELD/AREA _

HOLE SIZE	CASING PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
17-1/2	13-3/8"		_	13-3/8" csg 300	' SAMPLES: 30 ft - surface to 9600' 10 ft - 9600' to TD
12-1/4	9-5/8" to surface			TGR-1 5450' (+1150)	CORES: None
				9-5/8" esg 7500'	DST'S: None
8-3/4"	7" to surface	-DIL/GR/SP)0,	TGR-3 9625' (-3025) Top Transition 11,000' (-4500) Top	DEVIATION CONTROL 1° per 1000' with maximum dog-leg severity of 1-1/2° per 100' CEMENT
			1° per 1000'	Red Beds 11,300 7" csg 11,600	- 13-3/8": Cement to surface 9-5/8": Cement to 5000' w/600 ft ³ bullhead squeeze 7": three stage to surface MUD 5": uncemented
6-1/8"	5" liner	Cal————————————————————————————————————		Base Red Beds 11,900 (-5300) Base Transition 12,500	0-300': Gel/lime spud mud 300-7500': Clear water (aerated water may be required) 7500-9600': Clear water 9600-TD: Low lime mud
		—— DIL/GR/SP - — FDC/CNL/GR — BHC-Sonic/GR/C		(-5900) M-5 13,575	Note: Control weight to maintain a 300 psi minimum overbalance. Refer to "expected pressure distribution" for required mud weights
		BI BI		TD 14,000	

DIV. DRILLING SUPT.

STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: Oct. 31_		
Operator: Sheel Oil	C.	
Well No: Balicock 2	5-12BU	
Location: Sec. 12 T. 25 R. 4	(w) County: Duckerne	
File Prepared: / /	Entered on N.I.D.: /	
Card Indexed: / /	Completion Sheet: / /	
API Number:	43-013-30474	
CHECKED BY:		
Administrative Assistant:		
Remarks: Olo - Infiel	The Control of the Co	
Petroleum Engineer:		
Remarks:	and the control of th	
Director:		
Remarks:		
INCLUDE WITHIN APPROVAL LETTER:		
Bond Required:	Survey Plat Required: //	
Order No.	Surface Casing Change // to	
Rule C-3(c), Topographic exception within a 660' radius	on/company owns or controls acreage of proposed site //	
0.K. Rule C-3 //	0.K. In	_ Unit
other: ird authorization		
12 (18)	Letter Written Approved	

SCOTT M. MATHESON Governor

OIL, GAS, AND MINING BOARD

Chairman

I. DANIEL STEWART

GORDON E. HARMSTON Executive Director, NATURAL RESOURCES

> **CLEON B. FEIGHT** Director

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING 1588 West North Temple Salt Lake City, Utah 84116 (801) 533-5771

November 2, 1978

CHARLES R. HENDERSON JOHN L. BELL THADIS W. BOX C. RAY JUVELIN

Shell Oil Company 1700 Broadway Denver, Colorado 80202

> Well No. Shell et al Re:

Babcock 2-12B4

Sec. 12, T. 2 S, R. 4 W, USM

Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Board of Oil, Gas, and Mining's decision of February 21, 1978.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

> CLEON B. FEIGHT, Director HOME: 466-4455

OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30474.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT Director

cc: U.S. Geological Survey



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT

Director

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING 1588 West North Temple Salt Lake City, Utah 84116 (801) 533-5771 OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON

Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

February 7, 1980

Shell Oil Co. 1700 Broadway Denver, Colo. 80290

RE: SEE ATTACHED SHEET.

Gentlemen:

In reference to above mentioned well(s), considerable time has gone by since approval was obtained from this office.

This office has not recieved any notification of spudding. If you do not intend to drill this well (these wells), please notify this Division. If spudding or any other activity has taken place, please send necessary forms.* If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well, and action will be taken to terminate the application. If you plan on drilling this well at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

DEBBIE. BEAUREGARD CLERK-TYPIST

Ute #1-3B6
Sec. 3, T. 2S, R. 6W,
Duchesne County, Utah

Ute #1-16B6 Sec. 16, T. 2S, R. 6W Duchesne County, Utah

Ute #1-17B6 Sec. 17, T. 2S, R. 6W, Duchesne County, Utah

Ute #1-27A6
Sec. 27, T. 1S, R. 6W,
Duchesne County, Utah

Babcock #2-12B4
Sec. 12, T. 2S, R. 4W,
Duchesne County, Utah

Shell Oil Company



P.O. Box 831 Houston, Texas 77001

February 21, 1980

Department of Natural Resources Division of Oil, Gas and Mining ATTN Debbie Beauregard 1588 West North Temple Salt Lake City, Utah 84116 PECETYEU FEB 25 1980

> DIVISION OF OIL, GAS & MINING

Gentlemen:

WELL STATUS REPORTS

The current status of each well listed in the attachment to your letter of February 7, 1980 is as follows:

Ute #1-3B6 - Sec. 3, T2S, R6W

This well was drilled and cased. It is being tested to determine if the well can be produced commercially.

Ute #1-16B6 - Sec. 16, T2S, R6W

This is a location. Drilling has been deferred to the second half, 1980. We request the application to drill not be terminated.

Ute #1-17B6 - Sec. 17, T2S, R6W

This well was drilled and cased. It is being tested to determine if the well can be produced commercially. Please refer to our letter to Mr. Feight dated February 6, 1980.

Ute #1-27A6 - Sec. 27, T1S, R6W

Application may be terminated. We will reapply when drilling plans are firm.

Babcock #2-12B4 - Sec. 12, T2S, R4W

Application may be <u>terminated</u>. We will reapply when drilling plans are firm.